

Claims

1. An elevator comprising:

a car having a plurality of side walls coupled to a guide rail;

5 a plurality of wall structures connected to the guide rail, wherein a plurality of cavities are located in between the plurality of wall structures and the plurality of side walls; and

wherein the plurality of wall structures includes a plurality of air outlets, wherein the air outlets are configured to receive air; and

10 the cavities are configured to trap air received from the air outlets and trap air from the weight of the elevator and force the air from the air outlets and air from the weight of the elevator through a cylinder connected to the plurality of wall structures, wherein the car utilizes the air to produce electricity.

15 2. The elevator of Claim 1, wherein the plurality of air outlets includes a plurality of air flaps.

3. The elevator of Claim 1, wherein the car is connected to a plurality of fans to force the air to pass through the plurality of cavities.

20 4. The elevator of Claim 1, wherein the plurality of wall structures is coupled to a plurality of funnel connectors configured to allow the air to pass through the cylinder.

5. An elevator system comprising:

a car, wherein the car is configured to move from one level to another;

a cylinder connected to the car, wherein the cylinder is configured to receive air from an area surrounding the car as it moves;

5 a storage tank coupled to the cylinder, wherein the storage tank is configured to receive the air, wherein the storage tank includes an air pressure sensor to measure the air received;

10 wherein the air pressure sensor is coupled to a processor, wherein the air pressure sensor is configured to transmit measurements of the air in the storage tank; and

the processor is configured to determine if the measured air is equivalent to an air level stored in the processor.

15 6. The system of Claim 5, wherein the air is transferred to a generator if the measured air is equivalent to the air level stored in the processor.

7. The system of claim 6, wherein the air is transferred through a cylinder connected between the storage tank and the generator.

20 8. The system of Claim 7, wherein the generator is configured to produce electricity in response to receiving the air.

9. A method for utilizing an elevator system:

moving a car from one level to another;

25 pumping air from an area surrounding the car as it moves;

measuring the air being pumped;

transmitting the measured air to a processor; and

determining if the measured air is equivalent to a stored air level.

30 10. The method of Claim 9, further comprises transmitting the measured air to a generator if the measured air is equivalent to the stored air level.

11. The method of Claim 9, further comprises generating electricity at the generator in response to receiving the measured air.

12. An elevator system comprising:

5 a plurality of cars, wherein the plurality of cars are configured to move from one level to another;

a cylinder connected to the car, wherein the cylinder is configured to receive air from an area surrounding the car as it moves;

10 a super tank coupled to the cylinder, wherein the super tank is configured to receive the air, wherein the super tank includes an air pressure sensor to measure the air received;

wherein the air pressure sensor is coupled to a processor, wherein the air pressure sensor is configured to transmit measurements of the air in the storage tank; and

15 the processor is configured to determine if the measured air is equivalent to an air level stored in the processor.

13. The system of Claim 12, wherein the air is transferred to a generator if the measured air is equivalent to the air level stored in the processor.

14. The system of Claim 13, wherein the generator is configured to produce electricity in response to receiving the air.

15. The system of Claim 14, wherein the generator is configured to transfer the electricity to an electrical service